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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/791,377
Filing Date	March 2, 2004
First Named Inventor	Marcos Dantus et al.
Art Unit	2878
Examiner Name	
Attorney Docket Number	6550-000057/CPE

Total Number of Pages in This Submission

ENCLOSURES *(check all that apply)*

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Supplemental Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) ____
- ☐ After Allowance Communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) *(please identify below):*
  28 sheets of Form PTO-1449
  2 Foreign Patent Documents
  334 Other Documents

Remarks: The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Monte L. Falcoff	Reg. No. 37,617
Signature			
Date	July 26, 2005		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Monte L. Falcoff	Express Mail Label No.	EV 570 154 676 US (7/26/2005)
Signature		Date	July 26, 2005

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.F./

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:	10/791,377
Filing Date:	March 2, 2004
Applicant:	~~M~~arcos Dantus et al.
Group Art Unit:	2878
Examiner:	
Title:	LASER SYSTEM USING ULTRA-SHORT LASER PULSES
Attorney Docket:	6550-000057/CPE

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A. ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated October 19, 2004); and (iv) all other information or that portion which caused it to be listed.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.F./

B. ☐ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number U.S. Filing Date

C. ☐ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search report are listed on the attached Form 1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g).)

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. ☒ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B. ☐ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1. ☒ See the attached foreign patent office communication from a counterpart foreign application:
International Preliminary Examination Report dated June 17, 2003

2. ☐ English translations are provided:

3. ☐ Other:

C. ☐ The following additional information is provided for the Examiner's consideration.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.F./

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. ☐ The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does (do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.	Filing Date	Art Unit

V. THIS IDS IS BEING FILED UNDER

A. ☒ **37 C.F.R. § 1.97(b):** (check only one box)

1. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.

2. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.

3. ☒ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of $180.00 as required by 37 C.F.R. § 1.17(p).

4. ☐ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. ☐ **37 C.F.R. § 1.97(c):** (check only one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

1. ☐ No certification; therefore, a fee in the amount of $180.00 is required by 37 C.F.R. § 1.17(p).

2. ☐ See the certification below. No fee is required.

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C. ☐ **37 C.F.R. § 1.97(d):**

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. ☐ See the certification below. A fee in the amount of $180.00 is required by 37 C.F.R. § 1.17(p).

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

A. ☐ each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or

B. ☐ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).

C. ☐ some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

VII. STATEMENT UNDER 37 C.F.R. 1.704(d)

The undersigned hereby states that:

☐ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

VIII. PAYMENT OF FEES (check only one box)

A. ☐ A check in the amount of $180.00 is enclosed for the above identified fee.

B. ☐ Please charge Deposit Account No. 08-0750 in the amount of $180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: July 26, 2005

By: _____
Monte L. Falcoff
Reg. No. 37,617

Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

MLF/lkj

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.F./

Attachment to 28-Page 1449 Form Listing 334 Other Documents

Categorization of References*

Coherent Control, Molecular Control, and/or Ionization: Measurement of Laser Pulses	references 1-25
Coherent Control, Molecular Control, and/or Ionization: Theory	references 26-64
Coherent Control, Molecular Control, and/or Ionization: Experiments In Control	references 65-162
Measurement Apparatuses	references 163-173
MALDI	references 174-176
Microfabrication	reference 177
Communications	references 178-179
Computer Systems	references 180-181
Phase Measurement and/or Pulse Characterization	references 182-232
Pulse Generation and/or Amplification	references 233-243
Measurement Involving Tissue	references 244-245
Quantum Mathematical Algorithms and Theory, Genetic Learning Algorithms	references 246-253
Control of Chemical Reactions	references 254-285
Review of Coherent Control	references 286-301
Laser Pulse Control / Pulse Shaping	references 302-326
Genetic Learning Algorithms	references 327-334

*These categories are intended to assist the examiner in initial sorting of references by showing their primary relevance to the noted technology area but may also have some relevance to other technology areas claimed and considerable overlap between technology areas. Nevertheless, the Examiner is requested to review all of the cited references and make his/her own relevancy determination.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.F./

FORM HDP 1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 28

ATTORNEY DOCKET NO.	SERIAL NO.
6550-000057/CPE	10/791,377
APPLICANT	
Marcos Dantus et al.	
FILING DATE	GROUP
March 2, 2004	To Be Assigned

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	/D.F./	4,288,691	09/08/1981	Horton		
2.		4,772,854	09/20/1988	Silberberg		
3.		4,856,860	08/15/1989	Silberberg et al.		
4.		5,414,540	05/09/1995	Patel et al.		
5.		5,414,541	05/09/1995	Patel et al.		
6.		5,828,459	10/27/1998	Silberberg		
7.		6,156,527	12/05/2000	Schmidt et al.		
8.		6,296,810	10/02/2001	Ulmer		
9.		6,337,606	01/08/2002	Brombaugh et al.		
10.		6,421,154	07/16/2002	Diels et al.		
11.		6,573,493	06/03/2003	Futami et al.		
12.		6,697,196	02/24/2004	Suzuki		
13.		6,723,991	04/20/2004	Sucha et al.		
14.		2003/0194165	10/16/2003	Silberberg et al.		
15.		2004/0155184	08/12/2004	Stockman et al.		
16.		2004/0240037	12/02/2004	Harter		
17.		2004/0263950	12/30/2004	Fermann et al.		
18.	/D.F./	2005/0036202	02/17/2005	Cohen et al.		

Examiner:	/Delma Forde/	Date Considered:	04/21/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	6550-000057/CPE	10/791,377
PATENT AND TRADEMARK OFFICE	APPLICANT	
INFORMATION DISCLOSURE CITATION	Marcos Dantus et al.	
(Use several sheets if necessary)	FILING DATE	GROUP
Sheet 2 of 28	March 2, 2004	*To Be Assigned*

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	/D.F./	WO 99/57318	11/11/1999	US (PCT)		N/A	
2.	/D.F./	WO 01/54323	07/26/2001	US (PCT)		N/A	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.	/D.F./	Dong Gun Lee et al.; "Coherent Control of High-Order Harmonics with Chirped Femtosecond Laser Pulses"; Physical Review Letters, Vol. 87, No. 24, December 10, 2001; pgs. 243902-1-243902-4.
2.	/D.F./	M. Armstrong et al.; "Versatile seven-femtosecond pulse compressor of parametrically amplified pulses using adaptive optics: studies of the primary events in protein dynamics"; Applied Physics B 74 (Suppl), 2002; pgs. S127-S132.
3.	/D.F./	D.S. Chemla et al; "Ultrafast phase dynamics of coherent emission from excitons in GaAs quantum wells"; Physical Review B, Vol. 50, No. 12, September 15, 1995; pgs 8439-8453.
4.	/D.F./	Jerome Tignon et al.; "Spectral Interferometry of Semiconductor Nanostructures"; IEEE Journal of Quantum Electronics, Vol. 35, No. 4; April 1999; pgs. 510-522.
5.	/D.F./	Arthur L. Smirl et al.; "Heavy-Hole and Light-Hole Quantum Beats in the Polarization State of Coherent Emission from Quantum Wells"; IEEE Journal of Quantum Electronics, Vol. 35, No. 4; April 1999; pgs. 523-531.
6.	/D.F./	John D. Hybl et al; "Two-dimensional Fourier transform electronic spectroscopy"; Journal of Chemical Physics, Vol. 115, No. 14; October 8, 2001; pgs. 6606-6622.
7.	/D.F./	C. Iaconis et al.; "Direct measurement of the two-point field correlation function"; Optics Letters, Vol. 21, No. 21; November 1, 1996; pgs. 1783-1785.
8.	/D.F./	A.M. Weiner et al.; "Femtosecond Pulse Sequences Used for Optical Manipulation of Molecular Motion"; Reports; March 16, 1990; pgs. 1317-1319.
9.	/D.F./	Ch. Warmuth et al.; "Studying vibrational wavepacket dynamics by measuring fluorescence interference fluctuations"; Journal of Chemical Physics, Vol. 112, No. 11; March 15, 2000; pgs. 5060-5069.

Examiner:	/Delma Forde/	Date Considered:	04/21/2008

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.F./

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PATENT AND TRADEMARK OFFICE	APPLICANT	
INFORMATION DISCLOSURE CITATION	Marcos Dantus et al.	
(Use several sheets if necessary)	FILING DATE	GROUP
Sheet 3 of 28	March 2, 2004	*To Be Assigned*

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
10.	/D.F./	Ch. Warmuth et al.; "Molecular quantum dynamics in a thermal system: fractional wave packet revivals probed by random-phase fluorescence interferometry"; Journal of Chemical Physics, Vol. 114, No. 22; June 8, 2001; pgs. 9901-9910.
11.		G.G. Paulus et al.; "Absolute-phase phenomena in photoionization with few-cycle laser pulses"; Nature, Vol. 414; November 8, 2001; pgs. 182-184.
12.		Yaron Silberberg; "Physics at the attosecond frontier"; Nature, Vol. 414, November 29, 2001; pgs. 494-495.
13.		M. Hentschel et al.; "Attosecond metrology"; Nature, Vol. 414; November 29, 2001; pgs. 509-513.
14.		L. Lepetit et al.; "Linear techniques of phase measurement by femtosecond spectral interferometry for applications in spectroscopy"; J. Opt. Soc. Am. B, Vol. 12, No. 12; December 1995; pgs. 2467-2474.
15.		L. Lepetit et al.; "Two-dimensional nonlinear optics using Fourier-transform spectral interferometry"; Optics Letters, Vol. 21, No. 8; April 15, 1996; pgs. 564-566.
16.		K.C. Chu et al.; "Temporal interferometric measurement of femtosecond spectral phase"; Optics Letters, Vol. 21, No. 22; November 15, 1996; pgs. 1842-1844.
17.		W.J. Walecki et al.; "Characterization of the polarization state of weak ultrashort coherent signals by dual-channel spectral interferometry"; Optics Letters, Vol. 22, No. 2; January 15, 1997; pgs. 81-83.
18.		J.P. Likforman et al.; "Measurement of photon echoes by use of femtosecond Fourier-transform Spectral Interferometry"; Optics Letters, Vol. 22, No. 14; July 15, 1997; pgs. 1104-1106.
19.		Michel F. Emde et al.; "Spectral interferometry as an alternative to time-domain heterodyning"; Optics Letters, Vol. 22, No. 17; September 1, 1997; pgs. 1338-1340.
20.		X. Chen et al.; "Temporally and spectrally resolved amplitude and phase of coherent four-wave-mixing emission from GaAs quantum wells"; Physical Review B, Vol. 56, No. 15; October 15, 1997; pgs. 9738-9743.
21.		Christophe Dorrer; "Influence of the calibration of the detector on spectral interferometry"; J. Opt. Soc. Am. B; Vol. 16, No. 7; July 1999; pgs. 1160-1168.
22.	/D.F./	Allison W. Albrecht et al.; "Experimental distinction between phase shifts and time delays: Implications for femtosecond spectroscopy and coherent control of chemical reactions"; Journal of Chemical Physics, Vol. 111, No. 24; December 22, 1999; pgs. 10934-10955.

Examiner:	/Delma Forde/	Date Considered:	04/21/2008

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.F./

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PATENT AND TRADEMARK OFFICE	APPLICANT	
INFORMATION DISCLOSURE CITATION	Marcos Dantus et al.	
(Use several sheets if necessary)	FILING DATE	GROUP
Sheet 4 of 28	March 2, 2004	*To Be Assigned*

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
23.	/D.F./	Christophe Dorrer et al.; "Spectral resolution and sampling issues in Fourier-transform spectral interferometry"; J. Opt. Soc. Am. B, Vol. 17, No. 10; October 2000; pgs. 1795-1802.
24.		G. Roberts; "Abstract-Interference effects in femtosecond spectroscopy"; Philosophical Transactions Of The Royal Society Of London Series A-Mathematical Physical and Engineering Sciences; 360 (1794): 987-1021; May 15, 2002 (1 page)
25.		B. Chatel et al.; "Role of quadratic and cubic spectral phases in ladder climbing with ultrashort pulses"; Physical Review A 70; 2004; pgs. 053414-1-053414-10.
26.		Richard S. Judson et al.; "Teaching Lasers to Control Molecules"; Physical Review Letters, Vol. 68, No. 10; March 9, 1992; pgs. 1500-1503.
27.		Michael Messina et al.; "Quantum control of multidimensional systems: Implementation within the time-dependent Hartree approximation"; J. Chem Phys. 104; January 1996; pgs. 173-182.
28.		D.H. Schirrmeister et al; "Femtosecond pulse dependence of dissipation in molecular systems"; Chemical Physics Letters December 4, 1998; pgs. 383-390.
29.		Herschel Rabitz et al.; "Optimal Control of Molecular Motion: Design, Implementation and Inversion"; Acc. Chem. Res., Vol. 33, No. 8; 2000; pgs. 572-578.
30.		R. deVivie-Riedle et al.; "Design and interpretation of laser pulses for the control of quantum systems"; Applied Physics B; 2000; pgs. 285-292.
31.		Moshe Shapiro et al.; "On the Origin of Pulse Shaping Control of Molecular Dynamics'; J. Phys. Chem. A, Vol. 105, No. 105; 2001; pgs. 2897-2902.
32.		Y.J. Yan et al.; "Pulse shaping and coherent Raman spectroscopy in condensed phases"; J. Chem. Phys 94 (2); January 15, 1991; pgs. 997-1001.
33.		Bern Kohler et al.; "Mode-Locking Matter with Light"; J. Phys. Chem 1993, 97; pgs. 12602-12608.
34.		Jeffrey L. Krause et al.; "Optical control of molecular dynamics: Molecular cannons, reflectrons and wave-packet focusers"; J. Chem. Phys. 99(9); November 1, 1993; pgs. 6562-6578.
35.		V. Engel et al; "Two-photon wave-packet interferometry"; J. Chem Phys. 100 (8); April 15, 1994; pgs. 5448-5458.
36.	/D.F./	Jeffrey L. Krause et al.; "Quantum Control of Molecular Dynamics: The Strong Response Regime"; J. Phys. Chem; 1995, 99; pgs. 13736-13747.

Examiner:	/Delma Forde/	Date Considered:	04/21/2008

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	6550-000057/CPE	10/791,377
PATENT AND TRADEMARK OFFICE	APPLICANT	
INFORMATION DISCLOSURE CITATION	Marcos Dantus et al.	
(Use several sheets if necessary)	FILING DATE	GROUP
Sheet 5 of 28	March 2, 2004	*To Be Assigned*

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
37.	/D.F./	Jianwei Che et al.; "Detection and Control of Molecular Quantum Dynamics"; J. Phys. Chem.; 1995; pgs. 14949-14958.
38.		M. Sterling et al.; "Interrogation and control of condensed phase chemical dynamics with linearly chirped pulses: 12 in solid Kr"; J. Chem. Phys. 104; May 1, 1996; pgs. 6497-6506.
39.		Jianwei Che et al.; "Semiclassical Dynamics and Quantum Control in Condensed Phases: Application to 12 in a Solid Argon Matrix"; J. Phys. Chem. 1996, 100; pgs. 7873-7883.
40.		Jianshu Cao et al.; "A simple physical picture for quantum control of wave packet localization"; J. Chem Phys., 107; August 1, 1997; pgs. 1441-1450.
41.		Kenji Mishima et al.; "A theoretical study on laser control of a molecular nonadiabatic process by ultrashort chirped laser pulses"; Journal of Chemical Physics, Vol. 109., No. 5; August 1, 1998; pgs. 1801-1809.
42.		H.A. Kim et al.; "Expanded concept of the adiabatic population transfer using dressed states"; Physical Review A, Vol. 59, No. 2; February 1999; pgs. 1404-1407.
43.		Jianshu Cao et al.; "Molecular pie pulses: Population inversion with positively chirped short pulses"; Journal of Chemical Physics, Vol. 113, No. 5; August 1, 2000; pgs. 1898-1909.
44.		A.J. Wurzer et al.; "Highly localized vibronic wavepackets in large reactive molecules"; Applied Phys. B 71, 2000; pgs. 405-409.
45.		F. Legare et al.; "Laser pulse control of Raman processes by chirped non-adiabatic passage"; Journal of Raman Spectroscopy; 2000; pgs. 15-23.
46.		Moshe Shapiro et al.; "Coherently Controlled Asymmetric Synthesis with Achiral Light"; Physical Review Letters, Vol. 84, No. 8; February 21, 2000; pgs. 1669-1672.
47.		Gabriel Turinici et al.; "Quantum wavefunction controllability"; Chemical Physics 267; 2001; pgs. 1-9.
48.		M. Gruebele; "Fully quantum coherent control"; Chemical Physics 267; 2001; pgs. 33-46.
49.		V.S. Malinovsky et al.; "General theory of population transfer by adiabatic rapid passage with intense, chirped laser pulses"; The European Physical Journal D 14; 2001; pgs. 147-155.
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Examiner:	/Delma Forde/	Date Considered:	04/21/2008

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